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## 1. Introduction

GDS Delivery Version: **C5.6.0**     Initial Delivery     Redelivery    ICA #: **10273**

Spacecraft:  MGS     M98 Orbiter     M98 Lander     Stardust     Other [\_\_\_\_\_]

Type:     Block Updates \_\_\_\_\_     Utilities     Command Dictionary  
             Modeling Updates     Other [\_\_\_\_\_]

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Notice: Times Below were decided at the Change Board.

Installation Window: \_\_\_\_\_

Best Times to Install: \_\_\_\_\_

Freeze Times: \_\_\_\_\_

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### \* Lander Blocks

batt_press.blk	cr_dsn_contact.blk	cr_mardi.blk
cr_met.blk	cr_ssi.blk	cr_tega.blk
dsn_sspa_ctrl.blk	edl.blk	landed_dsn_contact.blk
landed_init.blk	landed_xband_receive.blk	lidar_act_mode_1.blk
lidar_act_mode_1_1.blk	lidar_night_mode.blk	lidar_passive_mode.blk
lidar_reset_mode.blk	lidar_restart_micro.blk	mardi.blk
microphone_1.blk	microphone_2.blk	repress.blk
shutdown.blk	sm_landed_dsn_contact.blk	sm_landed_init.blk
sol_0_day_eng.blk	sol_0_day_sci.blk	sol_0_night.blk
tcm.blk	uhf_autosw.blk	uhf_ce_receive.blk
uhf_ce_xmit.blk	uhf_rexmit.blk	uhf_trans_day_eng.blk
uhf_trans_morn.blk	uhf_trans_night.blk	wakeup_no_restore.blk
wakeup_restore.blk		

### Orbiter Blocks

moi.blk	otm_init.blk	tcm_init.blk
moi_init.blk	otm_restrain.blk	tcm_mst5a.blk
otm.blk	tcm.blk	

• MCR's

### MCR 302

Block Change for M98 MCO

### MCR 303

- a) MSP'98 Lander SEQ Baseline (based on MOSC results)
- b) MSOP SEQ Infrastructure

- FR's
- ISA's

- Other
- 

2. Delivery Location: **mgcm1:/staging/MSOP/seq**     **doc/** (directory)  **tarfiles/** (directory)

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3. SEQ Workstations - Installation Instructions:  N/A  ( See Attached - Directory Listing)

a) Special Alerts - Before Install

- ASP - Must be Stopped - Coordinate with SEQ Team Chief and SIE on Duty  
 Notify S/W Dev:  J. Morris (4-1069)  S. Wissler (4-0153) &  SIE on Duty

Comments:

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b) Install - Tar file: **C5.6.0-SEQ-000-SEQ** tar in directory: /msop/seq/

On: PST workstations

- 1) copy the tarfile: **C5.6.0-SEQ-000-SEQ.tar** to /msop
- 2) tar -xvf **C5.6.0-SEQ-000-SEQ.tar**
- 3) rm **C5.6.0-SEQ-000-SEQ.tar**

Comments:

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c) Install - Tar file: **C5.6.0-SEQ-000-SEQ\_DATA** tar in directory: /msop/seq\_data

On: PST workstations

- 1) copy the tarfile: **C5.6.0-SEQ-000-SEQ\_DATA.tar** to /msop
- 2) tar -xvf **C5.6.0-SEQ-000-SEQ\_DATA.tar**
- 3) rm **C5.6.0-SEQ-000-SEQ\_DATA.tar**

Comments: Please !! Leave **nipcec** as owner

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d) Notify:  J. Morris (4-1069)  S. Wissler (4-0153)  Linda Lee (3-9568), when Install is completed.

- 1) Software Dev will configure /msop/seq\_data and other areas
  - clean-out /engineering
  - verify software installed correctly
  - run test cases
- 2) Software Dev will Notify:  SIE on Duty  CM when configuration is completed.
- 3)  SIE on Duty  SEQ Team Chief  Software Development will:
  - Restart ASP
  - Notify - ACE, so Operations may continue
  - Notify - CM

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Special - User's - Alerts - After Install:

- Log off workstation - then Log back on (files need to be re-configured)  
 Incon's MUST be updated  
 Previous symout can be used  Default - symout MUST be used \_\_\_\_\_

Comments:

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4. SCT Workstations - Installation Instructions:  N/A  ( See Attached - Directory Listing)

a) Special Alerts - Before Install

Comments:

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b) Install Tar file: **C5.6.0-SEQ-000-SEQ.tar** in /msop/seq

On:  LMA SCT SERVER  LMA STL Workstations  SD MSA

- 1) copy the tarfile: **C5.6.0-SEQ-000-SEQ.tar** to /msop
- 2) tar -xvf **C5.6.0-SEQ-000-SEQ.tar**
- 3) rm **C5.6.0-SEQ-000-SEQ.tar**

Comments:

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c) Install - Tar file: **C5.6.0-SEQ-000-SEQ\_DATA.tar** in directory: /msop/seq\_data

On:  LMA SCT SERVER  LMA STL Workstations  SD MSA

- 1) copy the tarfile: **C5.6.0-SEQ-000-SEQ\_DATA.tar** to /msop
- 2) tar -xvf **C5.6.0-SEQ-000-SEQ\_DATA.tar**
- 3) rm **C5.6.0-SEQ-000-SEQ\_DATA.tar**

Comments: Please !! Leave **nipcec** as owner

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d) Notify:  J. Morris (4-1069)  S. Wissler (4-0153)  Linda Lee (3-9568),  
when Install is completed.

- 1) Software Dev will configure /msop/seq\_data and other areas
  - clean-out /engineering
  - verify software installed correctly
  - run test cases

- 2) Software Dev will Notify:  ACE  CM - when configuration is completed.
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Special - User's - Alerts - After Install:

Log off workstation - then Log back on (files need to be re-configured)

Comments:

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5.0 SOPC/ER Workstations - Installation Instructions :  N/A       ( See Attached - Directory Listing)

a) Special Alerts - Before Install

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- b) Install - PSS software for SOPC/ER in directory: /msop/seq/  
- Tar file: **C5.6.0-SEQ-000-SOPC.tar** - On:

MGS - SOPC Workstations     MSOP - SOPC Workstations     M98 - SOPC Workstations

- 1) copy the tarfile: **C5.6.0-SEQ-000 -SOPC.tar** to /msop
- 2) tar -xvf **C5.6.0-SEQ-000 -SOPC.tar**
- 3) rm **C5.6.0-SEQ-000 -SOPC.tar**

Comments:

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- c) Notify:  J. Morris (4-1069)     S. Wissler (4-0153)     Linda Lee (3-9568),  
when Install is completed.

- 1) Software Dev will configure /msop/seq\_data and other areas  
 clean-out /engineering  
 verify software installed correctly  
 run test cases
- 2) Software Dev will Notify:  J. Glance (3-0630)     CM - when configuration is completed.

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Special - User's - Alerts - After Install -

Log off workstation - then Log back on (files need to be re-configured)

Comments:

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Notice: In the event there is a problem with a SOPC/ER Workstation install, notify Jesse Glance (3-0630)  
or his Pager # (818) 541-5702

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This form will be placed on our homepage, in the following URL: [http://mgsw3.jpl.nasa.gov/seq/seq\\_dev/](http://mgsw3.jpl.nasa.gov/seq/seq_dev/)

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Directory Listing: **C5.6.0-SEQ-000-SEQ.tar**

```
      0 Oct  6 15:27 1998 seq/
      0 Oct  6 14:30 1998 seq/cvf/
144499 Aug  4 20:42 1998 seq/cvf/mgs.M1.2.cvf
   637 Oct 14 15:47 1996 seq/cvf/DefaultUplinkBitRate_94.cvf
18128 Oct  1 00:17 1998 seq/cvf/M98.orbiter.A16.cvf
   642 Nov 19 16:34 1996 seq/cvf/DefaultUplinkBitRate_127.cvf
21178 Oct  5 15:44 1998 seq/cvf/M98.lander.A17.cvf
   641 Nov 19 16:34 1996 seq/cvf/DefaultUplinkBitRate_116.cvf
18304 Sep 17 17:04 1998 seq/cvf/Stardust.A15.cvf
   616 Mar 10 17:41 1997 seq/cvf/DefaultUplinkBitRate_29.cvf
      0 Oct  6 14:30 1998 seq/smf/
163441 Aug 18 15:13 1998 seq/smf/mgs.M1.19.smf
  1098 Aug 27 19:47 1996 seq/smf/mgs.nipc.L1.1.smf
  8040 Dec  4 18:50 1997 seq/smf/mgs.ec.L1.4.smf
299395 Sep 29 20:18 1998 seq/smf/M98.orbiter.6.4.0e.smf
   3747 Oct  1 15:08 1998 seq/smf/M98.orbiter.nipc.1.0.smf
   3877 Mar 10 20:57 1998 seq/smf/M98.orbiter.ec.1.0.smf
372066 Oct  5 15:50 1998 seq/smf/M98.lander.6.4.1f.smf
   3744 Oct  1 15:44 1998 seq/smf/M98.lander.nipc.1.0.smf
   3881 Oct  1 15:45 1998 seq/smf/M98.lander.ec.1.0.smf
286517 Sep  3 23:00 1998 seq/smf/Stardust.3.4.0e.smf
   3719 Oct  1 22:56 1998 seq/smf/Stardust.nipc.1.0.smf
   3840 Oct  1 22:56 1998 seq/smf/Stardust.ec.1.0.smf
      0 Oct  6 14:30 1998 seq/satf/
545338 Sep 17 16:39 1998 seq/satf/mgs.M1.13.satf
  29589 Aug 28 19:07 1996 seq/satf/mgs.nipc.L1.1.satf
   4683 Nov  4 18:12 1997 seq/satf/mgs.ec.L1.1.satf
224643 Oct  5 19:16 1998 seq/satf/M98.orbiter.B37.satf
   3763 Oct  1 15:07 1998 seq/satf/M98.orbiter.nipc.1.0.satf
   3761 Mar 10 20:59 1998 seq/satf/M98.orbiter.ec.1.0.satf
320071 Oct  5 15:49 1998 seq/satf/M98.lander.B36.satf
   3761 Oct  1 15:46 1998 seq/satf/M98.lander.nipc.1.0.satf
   3758 Oct  1 15:46 1998 seq/satf/M98.lander.ec.1.0.satf
256253 Oct  5 19:54 1998 seq/satf/Stardust.A27.satf
   3723 Oct  2 15:36 1998 seq/satf/Stardust.nipc.1.0.satf
   3721 Oct  2 15:35 1998 seq/satf/Stardust.ec.1.0.satf
      0 Oct  6 14:30 1998 seq/fmrf/
32086 Oct 13 19:54 1997 seq/fmrf/mgs.L1.11.fmrf
  8814 Sep 28 16:48 1998 seq/fmrf/M98.orbiter.A1.fmrf
  7482 Sep 29 20:53 1998 seq/fmrf/M98.lander.A6.fmrf
  9395 Jul 13 16:58 1998 seq/fmrf/Stardust.A2.fmrf
      0 Oct  6 14:30 1998 seq/legend/
1941 Jun 18 21:30 1998 seq/legend/mgs.M1.0.legend
1507 Feb  4 18:08 1998 seq/legend/M98.orbiter.A1.legend
2348 Sep 16 15:22 1997 seq/legend/M98.lander.A1.legend
1384 Mar 10 23:27 1997 seq/legend/Stardust.A0.legend
      0 Oct  6 14:30 1998 seq/seqtran/
139655 Jul  9 20:37 1998 seq/seqtran/MAPIN.E1.7
815175 Jul  9 20:37 1998 seq/seqtran/LIBIN.E1.7
  14620 Jul  9 20:37 1998 seq/seqtran/SYMIN.E1.7
385024 Jan 19 18:02 1998 seq/seqtran/MIF.E1.7
      0 Oct  6 15:31 1998 seq/bin/
  1787 Sep 30 16:05 1998 seq/bin/mgs-seq-adapt-setup
  1543 Oct  5 19:51 1998 seq/bin/mco-seq-adapt-setup
  1770 Oct  5 19:50 1998 seq/bin/mp1-seq-adapt-setup
  1599 Oct  5 19:56 1998 seq/bin/sdu-seq-adapt-setup
  3089 Oct  6 14:34 1998 seq/bin/msop-seq-setup
  5299 Oct  6 14:40 1998 seq/bin/run_file_load
  2404 Oct  6 14:40 1998 seq/bin/generate_mail_scanner
```

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4609 Sep 30 21:52 1998 seq/bin/seq_translate
      0 Oct   6 15:29 1998 seq/bin/sol/
381572 Aug 13 17:47 1998 seq/bin/sol/slinc
      0 Oct   6 14:30 1998 seq/cdl/
161363 Jul 13 17:04 1998 seq/cdl/Orbiter_CDЛ_6.4.0
263929 Jul 14 16:15 1998 seq/cdl/Lander_CDЛ_6.4.1
160706 Aug  3 19:55 1998 seq/cdl/Stardust_cdl_3.4.0b
      0 Oct   6 14:30 1998 seq/cmdxlt/
98950 Jul 13 17:04 1998 seq/cmdxlt/Orbiter_CDЛ_6.4.0.xlt
177350 Jul 14 16:15 1998 seq/cmdxlt/Lander_CDЛ_6.4.1.xlt
103670 Aug  3 19:56 1998 seq/cmdxlt/Stardust_cdl_3.4.0b.xlt
```

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Directory Listing: **C5.6.0-SEQ-000-SEQ\_DATA.tar**

```
0 Oct   6 15:39 1998 seq_data/
0 Oct   6 15:39 1998 seq_data/slinc_config/
536 Aug 26 21:41 1998 seq_data/slinc_config/116.config
502 Aug 26 21:41 1998 seq_data/slinc_config/120.config
502 Aug 26 21:41 1998 seq_data/slinc_config/127.config
410 Aug 26 21:23 1998 seq_data/slinc_config/29.config
357 Apr  7 15:56 1998 seq_data/slinc_config/35.config
536 Aug 26 21:41 1998 seq_data/slinc_config/60.config
```

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Directory Listing: **C5.6.0-SEQ-000-SOPC.tar**

```
0 Oct  6 14:45 1998 seq/
  0 Oct  6 14:30 1998 seq/cvf/
144499 Aug  4 20:42 1998 seq/cvf/mgs.M1.2.cvf
  637 Oct 14 15:47 1996 seq/cvf/DefaultUplinkBitRate_94.cvf
18128 Oct  1 00:17 1998 seq/cvf/M98.orbiter.A16.cvf
  642 Nov 19 16:34 1996 seq/cvf/DefaultUplinkBitRate_127.cvf
21178 Oct  5 15:44 1998 seq/cvf/M98.lander.A17.cvf
  641 Nov 19 16:34 1996 seq/cvf/DefaultUplinkBitRate_116.cvf
18304 Sep 17 17:04 1998 seq/cvf/Stardust.A15.cvf
  616 Mar 10 17:41 1997 seq/cvf/DefaultUplinkBitRate_29.cvf
  0 Oct  6 14:30 1998 seq/smf/
163441 Aug 18 15:13 1998 seq/smf/mgs.M1.19.smf
  1098 Aug 27 19:47 1996 seq/smf/mgs.nipc.L1.1.smf
  8040 Dec  4 18:50 1997 seq/smf/mgs.ec.L1.4.smf
299395 Sep 29 20:18 1998 seq/smf/M98.orbiter.6.4.0e.smf
  3747 Oct  1 15:08 1998 seq/smf/M98.orbiter.nipc.1.0.smf
  3877 Mar 10 20:57 1998 seq/smf/M98.orbiter.ec.1.0.smf
372066 Oct  5 15:50 1998 seq/smf/M98.lander.6.4.1f.smf
  3744 Oct  1 15:44 1998 seq/smf/M98.lander.nipc.1.0.smf
  3881 Oct  1 15:45 1998 seq/smf/M98.lander.ec.1.0.smf
286517 Sep  3 23:00 1998 seq/smf/Stardust.3.4.0e.smf
  3719 Oct  1 22:56 1998 seq/smf/Stardust.nipc.1.0.smf
  3840 Oct  1 22:56 1998 seq/smf/Stardust.ec.1.0.smf
  0 Oct  6 14:30 1998 seq/satf/
545338 Sep 17 16:39 1998 seq/satf/mgs.M1.13.satf
  29589 Aug 28 19:07 1996 seq/satf/mgs.nipc.L1.1.satf
  4683 Nov  4 18:12 1997 seq/satf/mgs.ec.L1.1.satf
224643 Oct  5 19:16 1998 seq/satf/M98.orbiter.B37.satf
  3763 Oct  1 15:07 1998 seq/satf/M98.orbiter.nipc.1.0.satf
  3761 Mar 10 20:59 1998 seq/satf/M98.orbiter.ec.1.0.satf
320071 Oct  5 15:49 1998 seq/satf/M98.lander.B36.satf
  3761 Oct  1 15:46 1998 seq/satf/M98.lander.nipc.1.0.satf
  3758 Oct  1 15:46 1998 seq/satf/M98.lander.ec.1.0.satf
256253 Oct  5 19:54 1998 seq/satf/Stardust.A27.satf
  3723 Oct  2 15:36 1998 seq/satf/Stardust.nipc.1.0.satf
  3721 Oct  2 15:35 1998 seq/satf/Stardust.ec.1.0.satf
  0 Oct  6 14:30 1998 seq/fmrf/
32086 Oct 13 19:54 1997 seq/fmrf/mgs.L1.11.fmrf
  8814 Sep 28 16:48 1998 seq/fmrf/M98.orbiter.A1.fmrf
  7482 Sep 29 20:53 1998 seq/fmrf/M98.lander.A6.fmrf
  9395 Jul 13 16:58 1998 seq/fmrf/Stardust.A2.fmrf
  0 Oct  6 14:30 1998 seq/legend/
1941 Jun 18 21:30 1998 seq/legend/mgs.M1.0.legend
1507 Feb  4 18:08 1998 seq/legend/M98.orbiter.A1.legend
2348 Sep 16 15:22 1997 seq/legend/M98.lander.A1.legend
1384 Mar 10 23:27 1997 seq/legend/Stardust.A0.legend
  0 Oct  6 14:45 1998 seq/bin/
1787 Sep 30 16:05 1998 seq/bin/mgs-seq-adapt-setup
1543 Oct  5 19:51 1998 seq/bin/mco-seq-adapt-setup
1770 Oct  5 19:50 1998 seq/bin/mp1-seq-adapt-setup
1599 Oct  5 19:56 1998 seq/bin/sdu-seq-adapt-setup
3089 Oct  6 14:34 1998 seq/bin/msop-seq-setup
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